

# Loyal RB40035 crossed roller bearings

Online shopping 370 mm D Loyal RB40035 crossed roller bearings from a great selection at Store. 220 mm d ... Accessories.

|                                               |           |
|-----------------------------------------------|-----------|
| d                                             | 220 mm    |
| D                                             | 370 mm    |
| B                                             | 120 mm    |
| D1                                            | 327.9 mm  |
| rs min                                        | 4 mm      |
| Number of lubrication holes                   | 3         |
| b                                             | 19.1 mm   |
| k                                             | 9 mm      |
| e                                             | 0.3       |
| Y1                                            | 2.28      |
| Y2                                            | 3.39      |
| Y0                                            | 2.23      |
| Radial clearance class                        | CN        |
| Mass                                          | 52.21 kg  |
| Dynamic load, C                               | 2,190 kN  |
| Static load, C0                               | 2,940 kN  |
| Fatigue limit load, Cu                        | 185 kN    |
| Nref                                          | 1,200 rpm |
| Nlim                                          | 1,700 rpm |
| Min operating temperature, Tmin               | -40 °C    |
| Max operating temperature, Tmax               | 200 °C    |
| Characteristic cage frequency, FTF            | 0.43 Hz   |
| Characteristic rolling element frequency, BSF | 7.16 Hz   |

|                                           |          |
|-------------------------------------------|----------|
| Characteristic outer ring frequency, BPF0 | 9.09 Hz  |
| Characteristic inner ring frequency, BPF1 | 11.91 Hz |
| da min                                    | 237 mm   |
| Da max                                    | 353 mm   |
| ra max                                    | 3 mm     |